

ABSTRACTMETHOD AND DEVICE FOR SUPPLYING A CHARGE WITH ELECTRICAL  
ENERGY RECOVERY

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In the invention an electric current circulates from the battery (UB) through the electric motor (M), and the diode (D1) charges the capacitors (CA) and (CB), connected in parallel, which, once charged, are connected in series, giving rise to a difference in voltage in relation to the battery, causing half the charge of the capacitors to be returned through the diode (D2) to the battery, whilst with a new parallel connection the capacitors recharge, this charge being equal to that which had been previously transferred from the capacitors to the battery, so that by means of the cyclic connection of the capacitors in parallel and series the energy is transferred from the battery to the capacitors and from the capacitors to the battery, thus considerably extending the range of the battery and operation of the motor.

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